

# PATENT ABSTRACTS OF JAPAN

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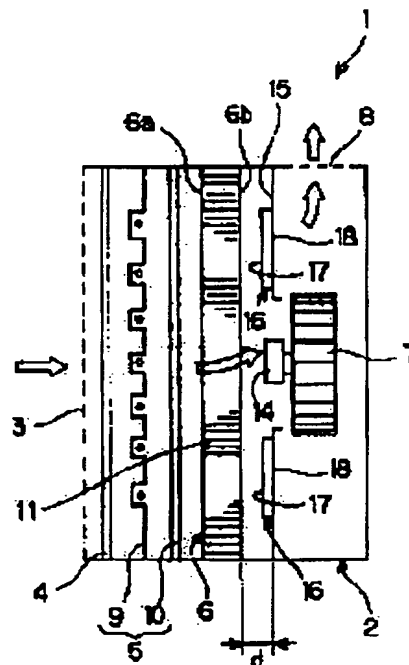
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**(54) AIR CLEANER**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide an air cleaner which is small-sized and has high cleaning capability using a photocatalyst.

**SOLUTION:** A motor support plate 15 for supporting a motor 14 is opposite to a ventilating surface 6b of a photocatalyst carrier 6. A flat type light source lamp 16 is arranged along the motor support plate 15. The light source lamp 16 is arranged with the flat light emitting surface 17 opposite to the ventilating surface 6b of the photocatalyst carrier 6. The flat light source lamp 16 is so thin that it can be arranged in close contact with the motor support plate 15 or close thereto. The distance (d) between the photocatalyst carrier 6 and the motor support plate 15 can be reduced so as to make the air purifier small-sized.



## LEGAL STATUS

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